

embodiments, includes the time of the last result; the volume of insulin remaining in the reservoir **2808**; the percentage of pump battery life remaining **2810**; the battery income **2814** (which may include a battery level indication); the current time **2818**; the connectivity status **2816**; and the section of the user interface in which the page resides **2812**.

[0505] In some embodiments, as discussed above, while the infusion pump is delivering, the screen may include a backslash, icon or other indication that readily indicates that status, for example, the backslash of the page may be a different color depending on the status. In some embodiments, the delivering status may be green, the glucose status may be orange, the alarm status may be red and the idle status may be blue. In these embodiments, irrespective of the screen, the status of the infusion pump may be learned by the user. Embodiments of alarm status screens may be found in FIGS. **29A-29F**, embodiments of an idle screen may be found in FIG. **28C**. In some embodiments, when the infusion pump is idling, that indicates there is no delivery, which, in many circumstances, may not be desired for an extended period of time. Therefore, in some embodiments, when the infusion pump is in idle, the home screen indicates the idle status **2828** and the idle status home screen includes a large button for “start basal” **2830**.

[0506] In some embodiments, one or more screens may include icon buttons for navigation to particular screens, for example, home **2812**, glucose **2820**, bolus or basal **2822**, logbook **2824** and/or settings **2826**. Examples of one embodiment of these screens are shown as follows: home, FIG. **29A**, Glucose, FIG. **28B**, Insulin (e.g. bolus or basal) FIG. **28D-28G**, Logbook FIG. **28H** and/or Settings FIG. **28I**.

[0507] Referring now to the embodiments of the insulin screens, FIGS. **28D-28G**, in some embodiments, the insulin screens include one or more, but not limited to, the following buttons: bolus calculator **2830**, program bolus **2832**, program basal **2834** and stop basal **2836**. In some embodiments, the insulin screens may also include an indication of the last bolus **2838** which may include the volume and the time, as well as the currently active basal profile **2840** which may include the rate and the profile name.

[0508] Referring now to FIGS. **29A-29F**, embodiments of an occlusion detected alarm is shown. In some embodiments, as discussed above, an alarm condition may translate to a different backslash/background or color, i.e., the backslash of the screens may be red to indicate alarm condition. In some embodiments, when an alarm condition is sensed by the system, the system may provide a series of GUI screens that aid the user in recovering and/or confirming the alarm condition. For example, in FIG. **29A**, in some embodiments, the screen may indicate that the flow of insulin is blocked and therefore, an occlusion condition exists. In some embodiments, the user may select “next” and the GUI may walk the user through recommended actions. For example, in some embodiments, for example, in FIG. **29B**, the screen may remind the user to check their blood glucose. Referring to FIGS. **29C** and **29D**, the screens may instruct the user to start the pump test (to determine if, for example, the occlusion is in the disposable portion or in the cannula). The pump test may determine, in some embodiments, if the disposable portion has an occlusion. Before starting the pump test, in some embodiments, the screen reminds the user to disconnect from the tubing set. Referring now to FIGS. **29E** and **29F**, in some embodiments, the system may determine that the occlusion is not within the disposable portion and may

remind the user to replace the cannula. In some embodiments, the system may automatically start a series of screens, which, in some embodiments include those describe above, and in some embodiments, include animations, that remind the user to connect to the new cannula (and prime the new cannula, etc.). In some embodiments, where the system determines the occlusion is in the disposable, the system may instruct the user to replace the disposable portion.

[0509] Various embodiments of the system therefore include one or more devices and a remote interface. In some embodiments, the remote interface is configured to connect with and may communicate with a web portal and/or a personal computer. In some embodiments, the remote interface may be a personal computer.

[0510] In some embodiments, the system includes a recharging apparatus and/or device for recharging the remote interface and/or for recharging the one or more device. In some embodiments, during recharge, the device and/or the remote interface may receive software updates/software downloads and/or synchronization with a database. In some embodiment, the recharging device and/or the charger includes a USB connection to a personal computer, the connection may be used as a data port and/or as a charging apparatus.

[0511] In some embodiments, the system includes at least two reusable portions of an infusion pump and/or other device, wherein, in some embodiments, both are configured to receive information and/or to communicate with the remote interface. In some embodiments, while one of the two reusable portions is being recharged, the second of the two reusable portions may be in use. Changing from one reusable portion to the second reusable portion may include the remote interface synchronizing data with the second reusable portion such that the second reusable portion includes updated information once in use. In some embodiments, each of the reusable portions includes nonvolatile memory and may include all the control and command capabilities with respect to one or more processors, which command the device. Thus, in some embodiments, the remote interface may be used as an user interface and commands, instructions and profiles may be input by the user using the remote interface, however, those commands are sent to the device, and in some embodiments, the device, after confirming, with the remote interface, that the device has received the information correctly, the device commands all action, for example, the infusion pump commands delivery of infusible fluid.

[0512] In some embodiments, for the user to change use from a first reusable portion to a second reusable portion, the user may indicate to the remote interface they wish to change reusable portions. The first reusable portion, in use, sends the current insulin on board and/or bolus on board (which may be referred to as IOB) information to the remote interface. The remote interface receives this information and starts counting time with respect to the IOB information. Once the second reusable portion is connected to the remote interface, the remote interface sends the IOB information to the second reusable portion, with the time stamp. The second reusable portion confirms the time on the IOB information. If the reusable portion finds that the time stamp does not match (which, in some embodiments, may be an indication that the first reusable portion’s battery is not functioning properly and/or was 100% out of charge when placed on charger), a message is sent to the remote interface that